

Peak District National Park

Forecast valid from 06:00 on Saturday 04 Feb 2023 until 23:59 on Sunday 05 Feb 2023

Forecast Issued on Saturday 04 Feb 2023 at 03:20

Confidence: High confidence for the general story with a transition to fine and dry weather through the weekend. Lower confidence for the position of a weak weather front over the UK on Tuesday which may bring cloud and patchy rain.

Headline for Saturday 04 Feb 2023: Cloudy and predominantly dry during the day. Outbreaks of rain and drizzle this evening. Breezy, mainly on the tops.

Mountain weather hazards on Saturday 04 Feb 2023

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

Low Likelihood

Poor visibility

Low Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Fog	Dull	Dull	Dull	Light rain	Light rain
Precipitation probability					
10%	10%	10%	20%	60%	40%

Forecast for Saturday 04 Feb 2023

Weather: A mostly cloudy but dry day. Cloud may be thick enough at times to produce the odd spot of light rain, most likely across western hills. Short-lived bright spells at times, mainly east of Hope Valley. Cloud is expected to thicken and lower from the northwest from late-afternoon, with outbreaks of rain and drizzle lasting for several hours this evening. Becoming dry with clearing skies around midnight.

Chance of cloud-free hill tops above 600m: 20% in the west, 60% further east. Becoming 10% early evening then 80% towards midnight.

Low cloud and visibility: Occasional low cloud and hill fog, mostly affecting western hills above about 500m, but with patchier cover further east. Cloud becoming widespread at 300-400m by late evening, before clearing away. Below the cloud, mainly good visibility but poor in any patchy rain or drizzle. Cloud clearing from all hills as rain clears away late on.

Forecast for Saturday 04 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/18 SW	16/21 SW	19/25 SW	20/27 W	20/27 W	17/23 NW	12/18 NW
300	9/14 SW	10/16 SW	13/20 SW	13/19 SW	12/19 SW	13/20 NW	8/13 W
Valley	5/13 SW	6/15 SW	10/19 SW	9/19 SW	8/18 W	9/20 NW	6/15 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/1	4/-1	4/-1	4/-1	4/-1	3/-2	1/-4
300	7/4	6/3	7/3	7/3	7/3	5/1	3/-0
Valley	7/6	7/5	8/5	8/5	7/5	6/3	3/0
Freezing Level*	1300m	1100m	1100m	1100m	1300m	900m	600m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Feeling cold on the tops, especially in cloud and any hill fog but also in exposure to the west or southwesterly winds with gusts to around 30mph.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 04 Feb 2023	8.8mm	9.6mm	11.2mm

Forecast for Sunday 05 Feb 2023

Weather: Skies clearing allowing a frost to form in the early hours. High pressure will become established, bringing fine conditions with long bright or sunny spells. High cloud may spread across from the west later. Feeling cold on the tops.

Maximum wind: North or Northwest 20mph gusts 30mph initially, easing through the morning to become light and variable.

Chance of cloud-free hill tops above 600m: 95%.

Low cloud and visibility: Excellent visibility with clear views of distant hills. No low cloud expected.

Temperature: **Valleys:** Minus 1 Celsius to Plus 1 Celsius rising to 6 Celsius.

At 600m: Minus 2 Celsius rising to Plus 3 Celsius.

Freezing level: Frost in valleys at first then freezing level rising to just above summits during day.